

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-48 (cancelled)

49. (currently amended) A method for sharing data with one or more recipients, the method comprising:

identifying a selection of data comprising a file or files to be shared;

creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server; associating bundle identification information with the bundle;

creating a token representing the bundle, the token including the bundle identification information;

providing the token to a recipient not yet possessing the file or files;

establishing communication between the recipient and the bundle server;

receiving a request for the bundle from the recipient, the request comprising, at least in part, the bundle identification information from the token; and

~~providing~~ transmitting a copy of the bundle containing the file or files to be shared to the recipient having the token; ~~and~~

wherein the shared files are directly accessible only via the bundle, and

wherein the bundle is only accessible through the bundle server by providing the bundle identification information, and,

wherein the bundle identification information associated with the bundle comprises:

a bundle identifier, identifier;

a bundle store ~~identifier~~ identifier; and
an encrypted bundle name corresponding to a bundle
name associated with the bundle, the encrypted bundle
name generated using a bundle store private key.

50. (previously presented) The method of claim 49 wherein
creating the bundle comprises storing the bundle in a bundle store, the bundle
store associated with a bundle store sharer identity, the bundle store sharer
identity being unique among a plurality of bundle store sharer identities
corresponding to a plurality of bundle stores accessible to the bundle server, the
bundle store containing one or more bundles, corresponding to a sharer, the sharer
having a sharer identity, matching the bundle store sharer identity and wherein a
copy of the bundle is readily available for receipt by any recipient communicating
the bundle identification information to the bundle server.

51. (previously presented) The method of claim 50 wherein
the bundle store is associated with a bundle store key pair generated by an
asymmetric encryption system, the key pair including a bundle store public key
and a bundle store private key and wherein creating the token comprises including
the bundle store public key in the token.

52. (cancelled)

53. (currently amended) ~~[[A]] The method of claim 49 for~~
~~sharing data with one or more recipients, the method comprising:~~
~~_____ identifying a selection of data to be shared;~~
~~_____ creating and storing a bundle containing the selection of~~
~~data comprising a file or files to be shared with recipients not yet possessing the~~
~~file or files and information about the selection of data in a location accessible by~~
~~a bundle server;~~
~~_____ associating bundle identification information with the~~
~~bundle;~~

~~creating a token representing the bundle, the token including the bundle identification information;~~
~~_____ providing the token to a recipient;~~
~~_____ establishing communication between the recipient and the bundle server;~~
~~_____ receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;~~
~~_____ providing transmitting a copy of the bundle to the recipient having the token; and~~
~~_____ wherein the token includes a plurality of bundle server communication addresses corresponding to the bundle server and the method comprises establishing communication with the bundle server by attempting communication with the bundle server using different ones of the plurality of bundle server communication addresses until communication is established with the bundle server.~~

54. (cancelled)

55. (currently amended) [[A]] The method of claim 49 ~~for sharing data with one or more recipients, the method comprising:~~
~~_____ identifying a selection of data comprising a file or files to be shared;~~
~~_____ creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;~~
~~_____ associating bundle identification information with the bundle;~~
~~_____ creating a token representing the bundle, the token including the bundle identification information;~~
~~_____ providing the token to a recipient not yet possessing the file or files;~~
~~_____ establishing communication between the recipient and the bundle server;~~

~~receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;~~

~~providing a copy of the bundle to the recipient having the token;~~

~~wherein the bundle includes a retrieval limit and a retrieval count; and~~

~~wherein the method comprises inhibiting providing the copy of the bundle if in instances when transmitting providing the copy of the bundle would cause the retrieval count to exceed the retrieval limit.~~

56. (previously presented) A method according to claim 55 comprising:

incrementing the retrieval count each time a copy of the bundle is provided to a recipient.

57. (currently amended) ~~[[A]] The method of claim 49 for sharing data with one or more recipients, the method comprising:~~

~~identifying a selection of data comprising a file or files to be shared;~~

~~creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;~~

~~associating bundle identification information with the bundle;~~

~~creating a token representing the bundle, the token including the bundle identification information;~~

~~providing the token to a recipient not yet possessing the file or files;~~

~~establishing communication between the recipient and the bundle server;~~

~~receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;~~

~~_____ providing a copy of the bundle to the recipient having the token;~~

~~_____ wherein the bundle is associated with:~~

a retrieved data quota;

a total retrieved data amount, based on an accumulation of retrieved data amounts corresponding to the bundle; and

wherein the method comprises inhibiting providing the copy of the bundle ~~if in instances when transmitting~~ providing the copy of the bundle would cause the total retrieved data amount to exceed the retrieved data quota.

58. (currently amended) ~~[[A]]~~ The method of claim 49 for sharing data with one or more recipients, the method comprising:

~~_____ identifying a selection of data comprising a file or files to be shared;~~

~~_____ creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;~~

~~_____ associating bundle identification information with the bundle;~~

~~_____ creating a token representing the bundle, the token including the bundle identification information;~~

~~_____ providing the token to a recipient not yet possessing the file or files;~~

~~_____ establishing communication between the recipient and the bundle server;~~

~~_____ receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;~~

~~_____ providing a copy of the bundle to the recipient having the token; and~~

~~_____ wherein the token includes an expiry date.~~

59. (previously presented) A method according to claim 58 wherein communicating with the bundle server comprises:
obtaining a current date; and
communicating with the bundle server only if the expiry date is later than the current date.

60. (currently amended) ~~[[A]] The method of claim 49 for sharing data with one or more recipients, the method comprising:~~
~~identifying a selection of data comprising a file or files to be shared;~~
~~creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;~~
~~associating bundle identification information with the bundle;~~
~~creating a token representing the bundle, the token including the bundle identification information;~~
~~providing the token to a recipient not yet possessing the file or files;~~
~~establishing communication between the recipient and the bundle server;~~
~~receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;~~
~~providing a copy of the bundle to the recipient having the token;~~
~~wherein the bundle includes an expiry date; and~~
wherein the method comprises:
periodically obtaining a current date at the bundle server; and
deleting one or more bundles, for which the expiry date is earlier than the current date.

Claims 61-63 (cancelled)

64. (currently amended) ~~[[A]]~~ The method of claim 49
~~for sharing data with one or more recipient computer systems, the~~
~~method comprising:~~

- ~~_____ identifying a selection of data comprising a file or files to~~
~~be shared;~~
- ~~_____ creating and storing a bundle containing the file or files and~~
~~information about the selection of data in a location accessible by a destination~~
~~bundle server;~~
- ~~_____ associating bundle identification information with the~~
~~bundle;~~
- ~~_____ creating a token representing the bundle, the token~~
~~including the bundle identification information;~~
- ~~_____ providing the token to a recipient computer system not yet~~
~~possessing the file or files;~~
- ~~_____ establishing communication between the recipient~~
~~computer system and the bundle server;~~
- ~~_____ receiving a request for the bundle from the recipient~~
~~computer system, the request comprising at least in part the bundle identification~~
~~information from the token;~~
- ~~_____ providing a copy of the bundle to the recipient computer~~
~~system having the token; and~~
- ~~_____ wherein the recipient computer system and destination~~
~~bundle server do not permit unsolicited communication and said method further~~
~~comprises establishing communication between the recipient computer system~~
~~and the destination bundle server using a relay service, said establishing~~
~~including:~~
 - ~~_____ establishing a bundle server protocol with a plurality of~~
~~bundle servers to receive ongoing communications~~
~~from the plurality of bundle servers, said plurality of~~
~~bundle servers including said destination bundle server;~~
 - ~~_____ storing a communication from the recipient computer~~
~~system to the destination bundle server;~~

establishing a recipient protocol with the recipient computer system to receive ongoing communications from the recipient computer system;
replying to an ongoing communication from the destination bundle server, providing the stored communication from the recipient computer system to the destination bundle server;
storing a communication from the destination bundle server to the recipient computer system; and
replying to an ongoing communication from the recipient computer system, providing the stored communication from the destination bundle server to the recipient computer system.

65. (cancelled)

66. (currently amended) A method for sharing data of a sharer with a recipient, the method comprising:

displaying on a user interface of a sharer computer system, files and folders accessible to the sharer computer system;

receiving via said user interface, a selection by the sharer of files from said accessible files and folders;

creating a bundle including said selection of files in a bundle store accessible to a bundle server, said creating being responsive to said receiving;

associating said bundle with a bundle identifier that is private, said bundle identifier comprising a communication address of said bundle server;

generating a token in said sharer computer system, said token including said bundle identifier ~~and~~ comprising a communication address of said bundle server;

sending said token from said sharer computer system to a different recipient computer system, said recipient system not possessing said selection of files;

receiving a communication at said bundle server;
testing said communication, said testing including
determining whether said communication includes said bundle identifier; and
delivering to said recipient computer at least part of said
bundle including said selection of files responsive to said receiving and testing,
when said testing determines at least that said communication includes said
bundle ~~identifier~~, identifier;

wherein the shared files are directly accessible only via the
bundle, and

wherein the bundle is only accessible through the bundle
server by providing the bundle identification information.

67. (previously presented) The method of claim 66 comprising
delivering said bundle when said testing determines that said communication
includes said bundle identifier.

68. (previously presented) The method of claim 67 wherein
said receiving is from said recipient computer system and said delivering is to
said recipient computer system.

69. (previously presented) The method of claim 68 wherein
said bundle server comprises another computer system separate from said sharer
computer system and said recipient computer system, said bundle server includes
said bundle store, and said creating further comprises sending said files to said
bundle server.

70. (previously presented) The method of claim 69 wherein
said sending further comprises providing said token as an attachment to an e-mail
communication.

71. (previously presented) The method of claim 66 wherein
said bundle server comprises another computer system separate from said sharer
computer system and said recipient computer system, said bundle server includes

said bundle store, and said creating further comprises sending said files to said bundle server.

72. (previously presented) The method of claim 66 further comprising maintaining a record of contents of said delivered bundle.

73. (previously presented) The method of claim 66 further comprising maintaining a copy of said bundle following said delivering.

74. (previously presented) The method of claim 66 wherein said generating further comprises deriving contextual information about said selection of files and adding said contextual information to said token.

75. (previously presented) The method of claim 74 wherein said contextual information includes a digest of said bundle.

76. (previously presented) The method of claim 66 further comprising, following said generating of said token and prior to said sending of said token, allowing the sharer to alter said bundle in said bundle store.

77. (previously presented) The method of claim 66 further comprising sending said token to a plurality of additional recipient computer systems, repeating said receiving, testing, and delivering at least once.

78. (previously presented) The method of claim 66 wherein said bundle identifier has a value that is one of 10^{20} or more possible values.

79. (previously presented) The method of claim 66 wherein said bundle identifier has a value that is one of 10^{30} or more possible values.

80. (previously presented) The method of claim 66 further comprising maintaining a ratio of a number of the possible values of the bundle identifier to a number of bundles in the bundle store to be at least $10^{15}:1$.

81. (previously presented) The method of claim 66 further comprising maintaining a ratio of a number of the possible values of the bundle identifier to a number of bundles in the bundle store to be at least $10^{EXP20:1}$.

82. (previously presented) The method of claim 66 wherein the ratio of a number of the possible values of the bundle identifier to a number of bundles in the bundle store exceeds a maximum number of requests for bundles that could be made in one year at a maximum request rate of the bundle server by a factor of at least 1000.

83. (previously presented) The method of claim 66 wherein said bundle store is associated with a bundle store key pair generated by an asymmetric encryption system, said key pair including a bundle store public key and a bundle store private key, and wherein said generating further comprises including said bundle store public key in said token.

84. (previously presented) The method of claim 83 further comprising:
receiving one or more communications at said bundle server, said communications encrypted with said bundle store public key; and
sending one or more other communications from the bundle server, said communications encrypted with said bundle store private key.

85. (previously presented) The method of claim 83 wherein said token includes an encrypted bundle name, corresponding to a bundle name associated with the bundle, the encrypted bundle name generated using the bundle store private key.

86. (previously presented) The method of claim 66 further comprising:
receiving a pass-phrase from a user of said sharer computer system; and
prior to said sending, encrypting said token wherein said token can be decrypted with use of said pass-phrase.

87. (previously presented) The method of claim 66 wherein said generating further comprises:

- creating a bundle key;
- encrypting at least a part of said bundle using said bundle key; and
- storing said bundle key in said token.